






## THREE DIMENSIONAL DISPLAY

**Publication number:** CA2075807  
**Publication date:** 1991-08-13  
**Inventor:** REAMEY ROBERT H (US)  
**Applicant:** RAYCHEM CORP (US)  
**Classification:**  
**- International:** G02F1/13; G02B27/22; G02F1/1333; G02F1/1347;  
 G03B35/00; H04N13/00; G02B27/22; G02F1/13;  
 G03B35/00; H04N13/00; (IPC1-7): G02F1/1347;  
 H04N15/00  
**- European:** G02B27/22V1; G02F1/1347; H04N13/00S4V5  
**Application number:** CA19912075807 19910207  
**Priority number(s):** US19900479005 19900212

## Also published as:

 WO9112554 (A1)  
 EP0515533 (A1)  
 US5113272 (A1)  
 EP0515533 (A0)  
 EP0515533 (B1)

[Report a data error here](#)

## Abstract of CA2075807

A display presenting a three-dimensional visual effect, has (i) a plurality of stacked layers of a display material containing a plurality of pixels which are each independently switchable from a first visual state to a second visual state, each layer having pixels of the same color or combination of colors; (ii) switching means for independently switching each pixel from the first visual state to the second visual state; and (iii) separating means for providing a separation between adjacent layers of display material. If the number of layers of display material is less than four, the separation between adjacent layers is at least 0.5 mm. Preferably, the display material is encapsulated liquid crystal material.

Data supplied from the [esp@cenet](mailto:esp@cenet) database - Worldwide